

ABSTRACT

[Problems] A light guide capable of reducing the degrading of the read image, even when the document face is raised, by expanding the distribution of light intensities in the longitudinal direction in the position of the irradiated item (document position), and a line illuminator into which the light guide is incorporated are to be provided.

5 [Means for Solving Problems] In a light guide 10 which emits lights incident from an end face from an emitting face disposed along the longitudinal direction while having the lights reflected by its internal face, its sectional shape in a direction orthogonal to the longitudinal direction is provided with a first oval arc curved face 1, a second oval arc curved face 2, a first emitting face 3, a second emitting face 4, and a light scattering part 5 formed on the focal
10 position (or a position near the focus) of the oval on the longer axis plane of each oval. The concentrating position of lights reflected by the first curved face and the concentrating position of lights reflected by the second curved face are different from each other.